

${}^{12}\text{C}({}^3\text{He}, {}^7\text{Be})$ **2004Ti06**

<u>Type</u>	<u>Author</u>	<u>History</u>	<u>Citation</u>	<u>Literature Cutoff Date</u>
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- 1965En01: ${}^{12}\text{C}({}^3\text{He}, {}^7\text{Be})$ E=29.4 MeV, measured $\sigma(E, E({}^7\text{Be}), \theta)$.
 1970De12: ${}^{12}\text{C}({}^3\text{He}, {}^7\text{Be})$ E=30 MeV, measured $\sigma(E({}^7\text{Be}), \theta)$. ${}^8\text{Be}$ deduced relative S.
 1975Au01: ${}^{12}\text{C}({}^3\text{He}, {}^7\text{Be})$ E=26 MeV, measured $\sigma(E({}^7\text{Be}), \theta)$. Deduced relative α -particle S.
 1976Pa07: ${}^{12}\text{C}({}^3\text{He}, {}^7\text{Be})$ E \leq 31 MeV, measured $\sigma(E, E({}^7\text{Be}), \theta)$. Deduced reaction mechanism.
 1976St11: ${}^{12}\text{C}({}^3\text{He}, {}^7\text{Be})$ E=70 MeV, measured $\sigma(\theta)$. Deduced S_α . ${}^8\text{Be}$ deduced levels.
 1986Ra15, 1988Ra20, 1988Ra21: ${}^{12}\text{C}({}^3\text{He}, {}^7\text{Be})$ E=41 MeV, measured $\sigma(\theta)$. Deduced model parameters. DWBA analysis.
 1989Si02: ${}^{12}\text{C}({}^3\text{He}, {}^7\text{Be})$ E=33 MeV, measured $\sigma(\theta)$, particle spectra. Deduced model parameters.
 1990Ra25: ${}^{12}\text{C}(\text{pol. } {}^3\text{He}, {}^7\text{Be})$ E=41 MeV, analyzed $\sigma(\theta)$, asymmetry vs θ . Deduced model parameters, ejectile states role. Finite-range DWBA.
 1990Sm04, 1991Be49: ${}^{12}\text{C}({}^3\text{He}, {}^7\text{Be})$ E=22.5 MeV, measured $\sigma(E({}^7\text{Be}))$, yields.

 ${}^8\text{Be}$ Levels

<u>E(level)</u>
0.0
3.0×10^3
11.4×10^3
16.6×10^3
16.9×10^3
17.6×10^3